

**I CLAIM:**

1. An adapter for disposition in a breathing system circuit between a source of breathable gas and a patient airway circuit, the adapter comprising:

a tube with a side wall defining a breathing passage between a tube inlet and a tube outlet;

an injector conduit extending laterally through the tube side wall having: a bore; a nozzle communicating between the bore and the passage; and an external port;

wherein the port includes:

syringe connector means for releasably sealing between the bore of the injector conduit and a syringe; and

multiple dose inhaler connector means for releasably connecting the bore of the injector conduit and a multiple dose inhaler.

2. An adapter according to claim 1 wherein the multiple dose inhaler connector means comprise an actuation abutment extending into the bore.

3. An adapter according to claim 1 wherein the multiple dose inhaler connector means comprise a removable MDI adapter releasably engagable with the syringe connector means, the MDI adapter having an adapter bore in communication with the injector conduit bore and having an actuation abutment extending therein.

4. An adapter according to claim 3 wherein the MDI adapter includes a recess adapted for longitudinal sliding engagement of the MDI.

5. An adapter according to claim 3 wherein the syringe connector means comprise a female Luer tapered bore surface and the MDI adapter includes a male tapered surface.

6. An adapter according to claim 3 wherein the syringe connector means comprise a male Luer lock on an outer end of the injector conduit including two laterally extending flanges, and the MDI adapter includes a female Luer threaded socket adapted for engagement with said flanges.

7. An adapter according to claim 6 wherein the MDI adapter includes a manual grip flange.

8. An adapter according to claim 3 wherein the MDI adapter includes a cap secured to the tube.

9. An adapter according to claim 1 wherein the syringe connector means comprise a female Luer tapered bore surface.

10. An adapter according to claim 1 wherein the syringe connector means comprise a male Luer lock on an outer end of the injector conduit including two laterally extending flanges.

11. An adapter according to claim 1 wherein the tube inlet comprises a female conical connection.

12. An adapter according to claim 1 wherein the tube outlet comprises a male conical connection.

13. An adapter according to claim 1 wherein the nozzle comprises a conical countersunk aperture.

14. An adapter according to claim 1 wherein the nozzle is disposed coaxially with the passage.